

RELIABLE DATAGRAM

Abstract of the Disclosure

- 5 A reliable datagram service is implemented with a source and destination
resource (SDR). Source SDR resources, at a source device, multiplex units of
work produced by at least one source application instance (AI) into a serial unit
of work stream having units of work in a defined order and transmit the serial
unit of work stream over a communication services/fabric. Destination SDR
10 resources, at a destination device, receive the serial unit of work stream,
demultiplex the serial unit of work stream into units of work provided to at least
one destination AI, and provide a negative acknowledgement (NAK) for a unit
of work received ahead of its defined order.

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